

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
 Data File : VD068244.D
 Acq On : 29 Jan 2021 17:15
 Operator : VA/SY
 Sample : M1286-14
 Misc : 4.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

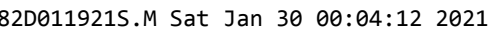
Quant Time: Jan 30 00:04:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

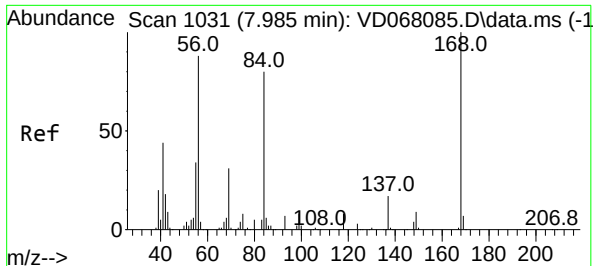
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	459649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	799435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	704150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	306998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	239126	54.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.76%
35) Dibromofluoromethane	7.920	113	233276	52.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.56%
50) Toluene-d8	10.343	98	995804	56.33	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.66%
62) 4-Bromofluorobenzene	12.631	95	310686	48.80	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.60%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.191	59	937	Below Cal	#	74
16) Acetone	4.173	43	9414	11.99	ug/l	90
20) Methylene Chloride	4.973	84	12691	Below Cal		89
25) 2-Butanone	7.214	43	2074	1.75	ug/l #	43
31) Cyclohexane	7.985	56	10100	1.06	ug/l #	13
36) 1,1-Dichloropropene	7.985	75	37123	4.60	ug/l #	47
38) Carbon Tetrachloride	7.985	117	46088	6.11	ug/l #	16
76) 1,2,3-Trichloropropane	12.631	75	159771	53.83	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	159771	108.92	ug/l #	13

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jan 30 00:04:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

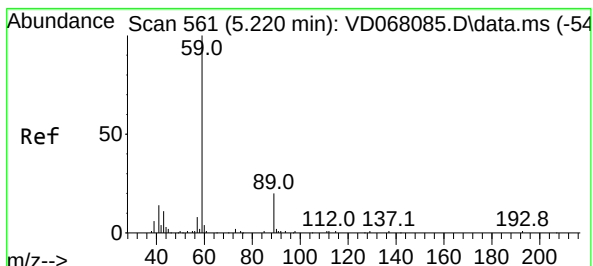
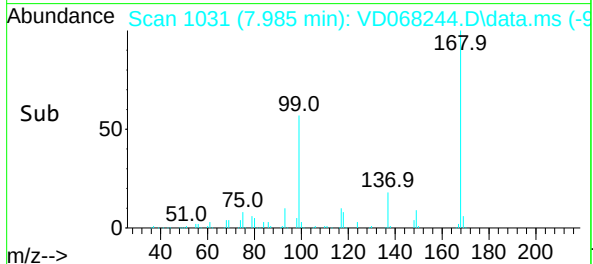
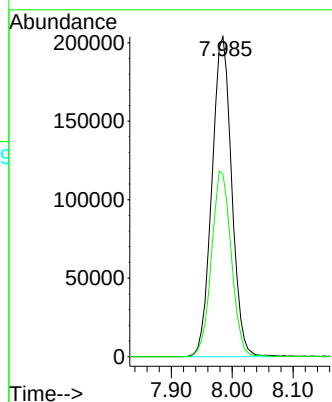
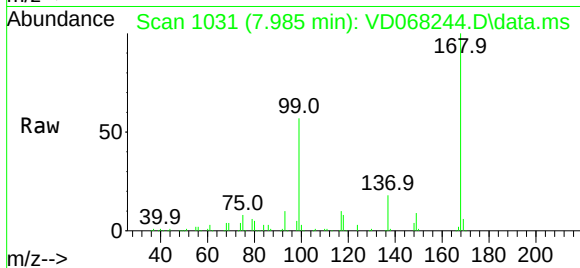




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068244.D
Acq: 29 Jan 2021 17:15

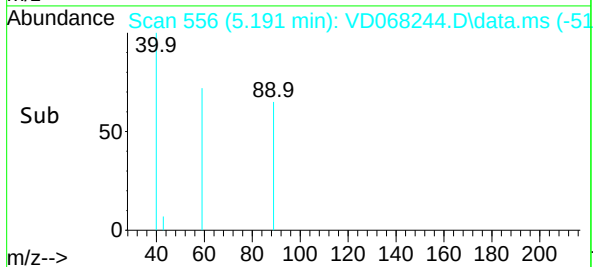
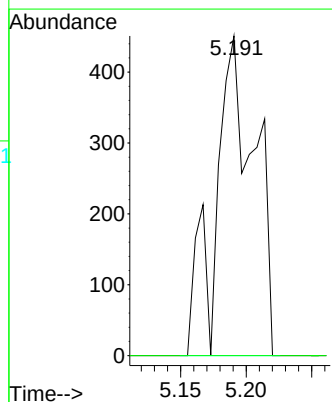
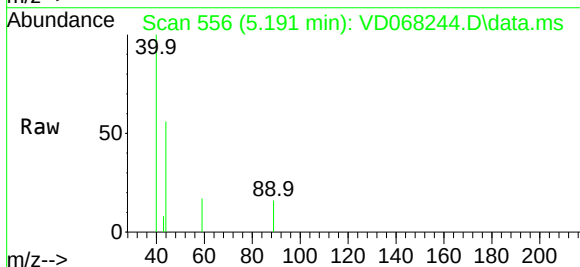
Instrument :
MSVOA_D
ClientSampleId :

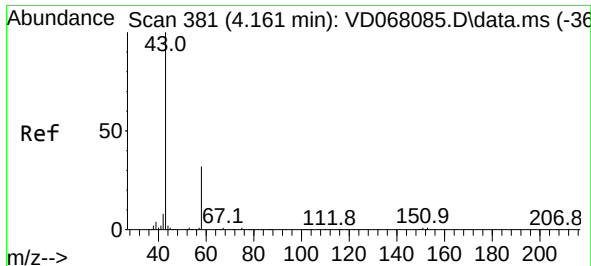
Tgt Ion:168 Resp: 459649
Ion Ratio Lower Upper
168 100
99 57.0 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD068244.D
Acq: 29 Jan 2021 17:15

Tgt Ion: 59 Resp: 937
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

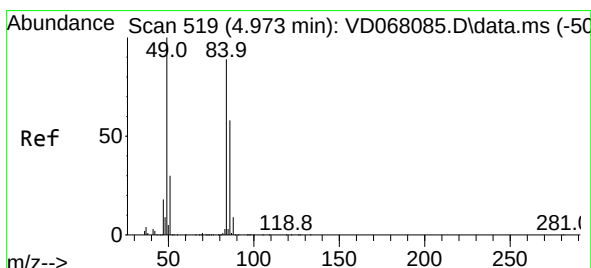
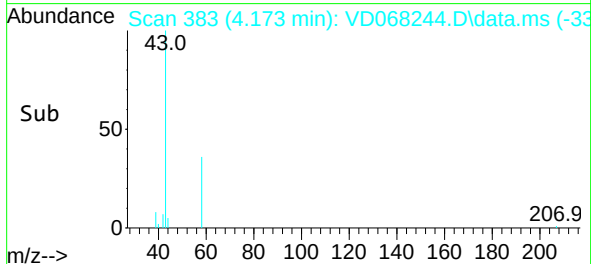
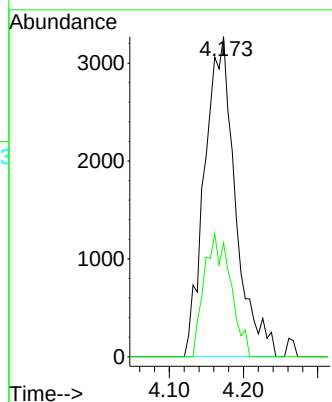
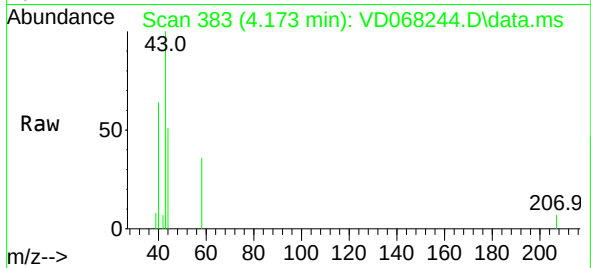




#16
Acetone
Concen: 11.99 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068244.D
Acq: 29 Jan 2021 17:15

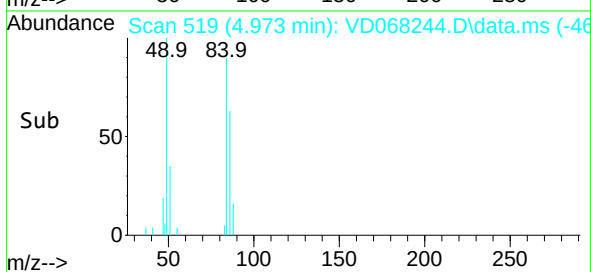
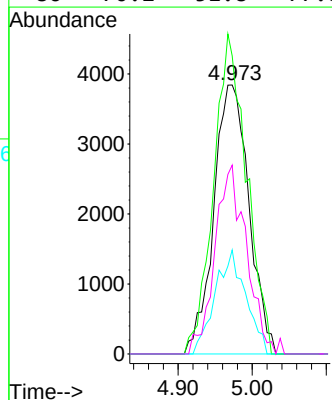
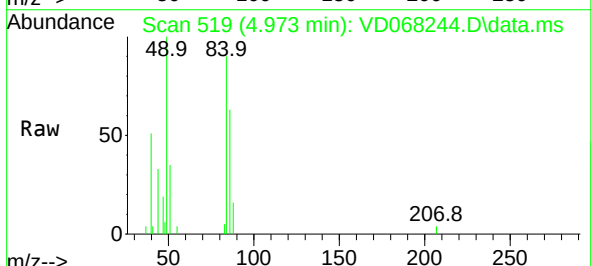
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MSVOA_D
ClientSampled :

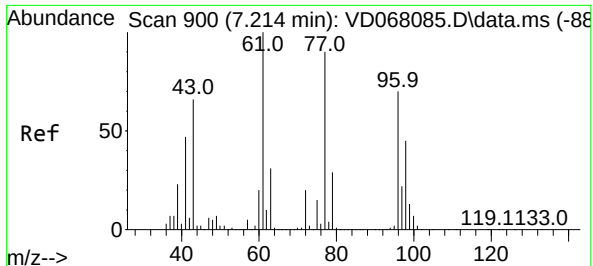
Tgt Ion: 43 Resp: 9414
Ion Ratio Lower Upper
43 100
58 35.6 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. -0.000 min
Lab File: VD068244.D
Acq: 29 Jan 2021 17:15

Tgt Ion: 84 Resp: 12691
Ion Ratio Lower Upper
84 100
49 110.9 77.4 116.2
51 38.7 26.1 39.1
86 70.2 51.8 77.8

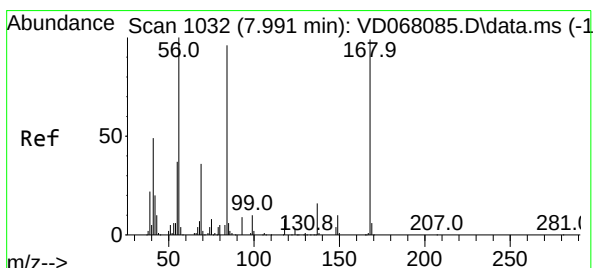
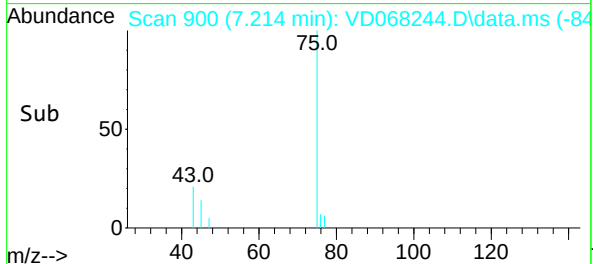
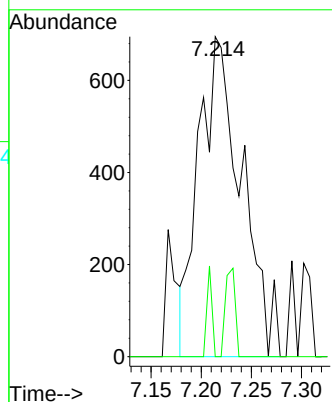
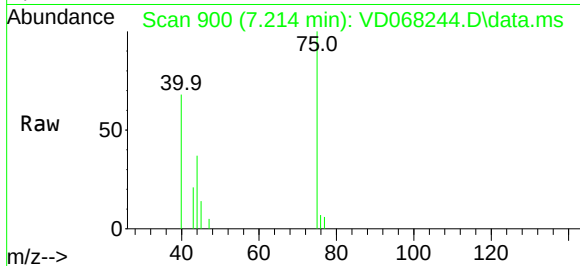




#25
2-Butanone
Concen: 1.75 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068244.D
Acq: 29 Jan 2021 17:15

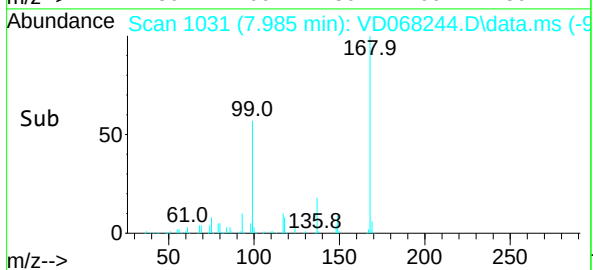
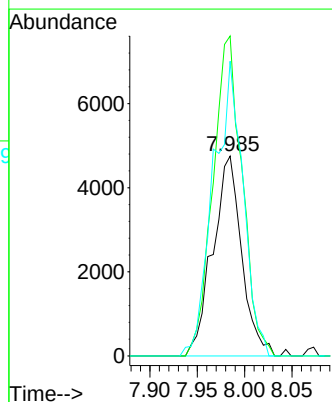
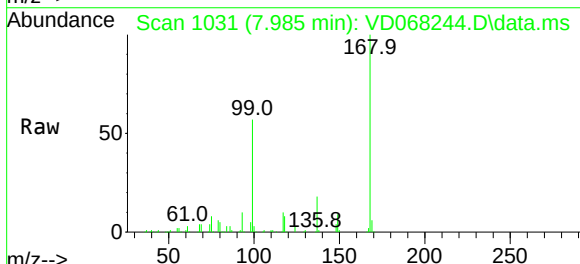
Instrument :
MSVOA_D
ClientSampled :

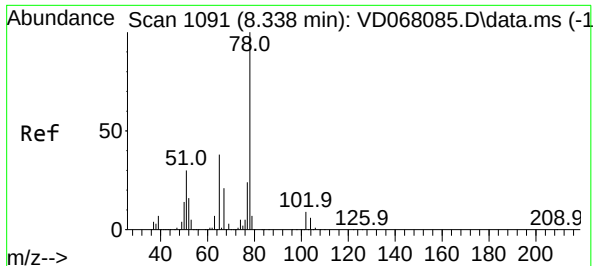
Tgt Ion: 43 Resp: 2074
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068244.D
Acq: 29 Jan 2021 17:15

Tgt Ion: 56 Resp: 10100
Ion Ratio Lower Upper
56 100
69 160.2 30.1 45.1#
84 147.5 82.1 123.1#

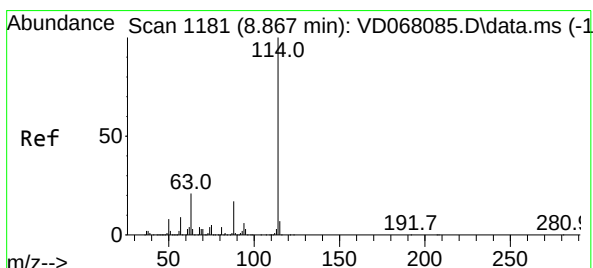
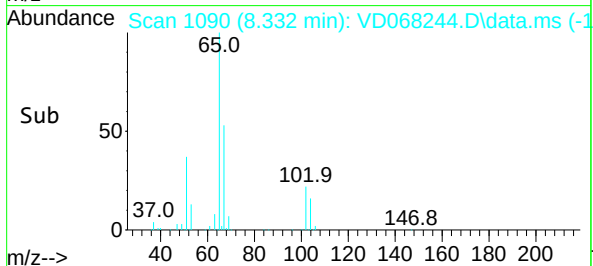
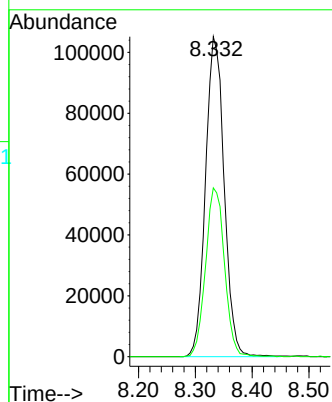
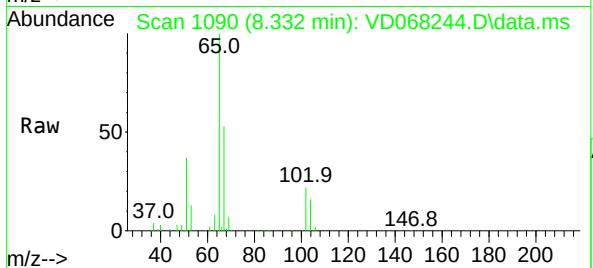




#33
1,2-Dichloroethane-d4
Concen: 54.38 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068244.D
Acq: 29 Jan 2021 17:15

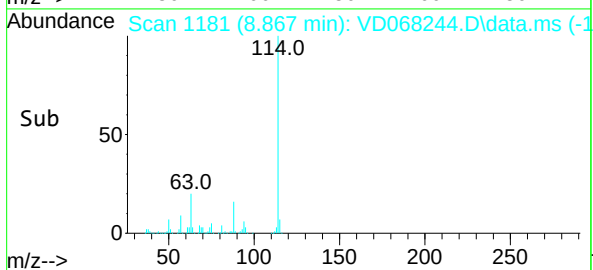
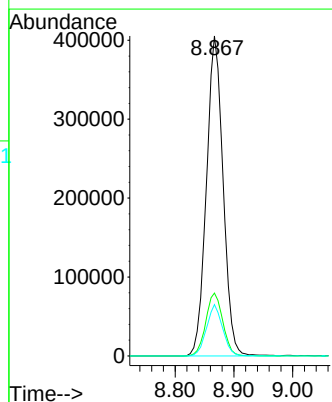
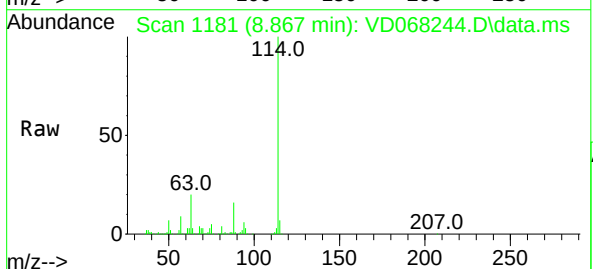
Instrument :
MSVOA_D
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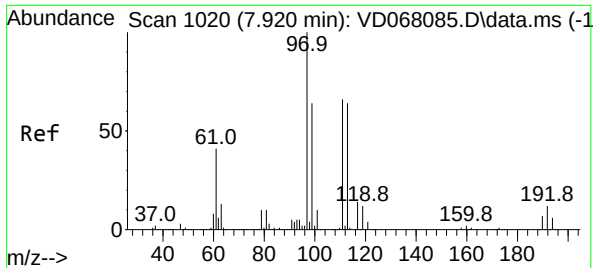
Tgt Ion: 65 Resp: 239126
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068244.D
Acq: 29 Jan 2021 17:15

Tgt Ion: 114 Resp: 799435
Ion Ratio Lower Upper
114 100
63 19.7 0.0 34.8
88 16.0 0.0 31.6

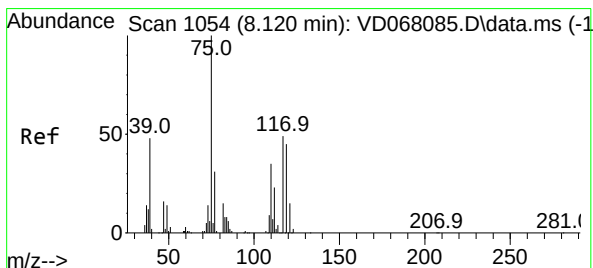
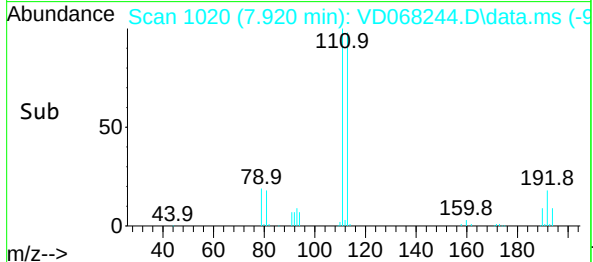
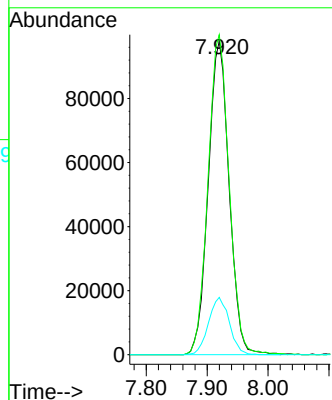
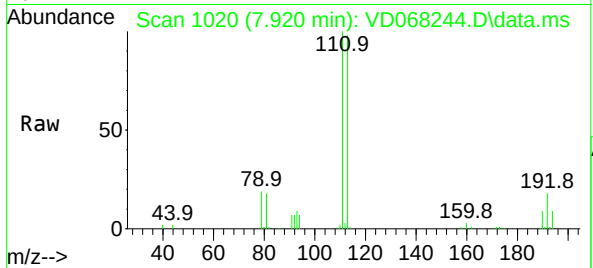




#35
Dibromofluoromethane
Concen: 52.78 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068244.D
Acq: 29 Jan 2021 17:15

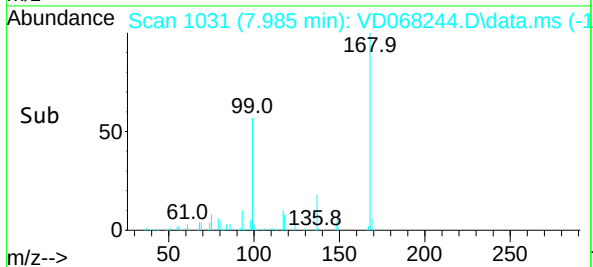
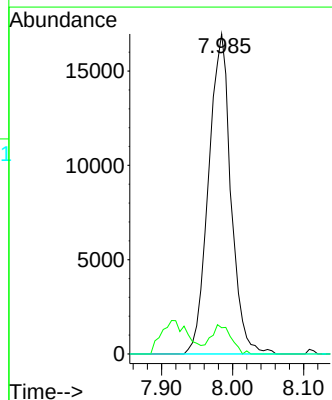
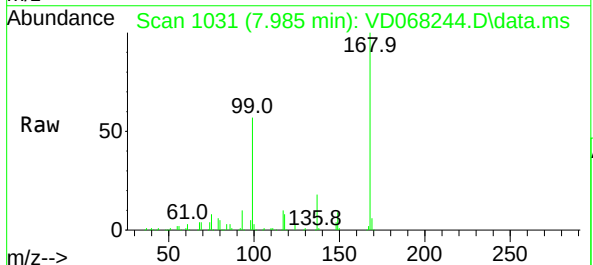
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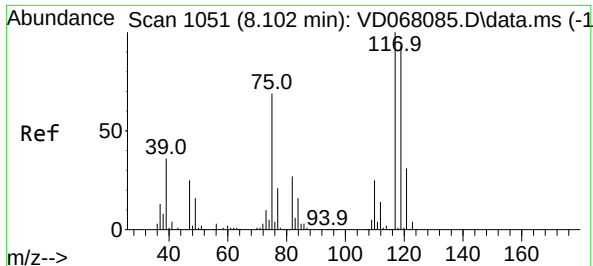
Tgt Ion:113 Resp: 233276
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 18.2 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068244.D
Acq: 29 Jan 2021 17:15

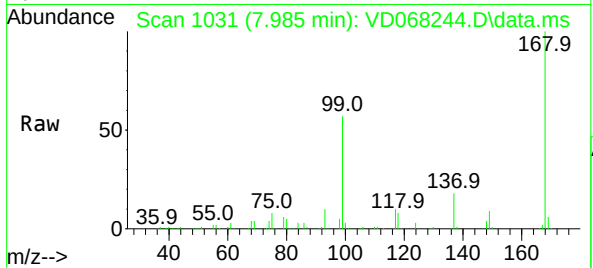
Tgt Ion: 75 Resp: 37123
Ion Ratio Lower Upper
75 100
110 8.3 19.4 58.2#
77 0.0 25.3 37.9#



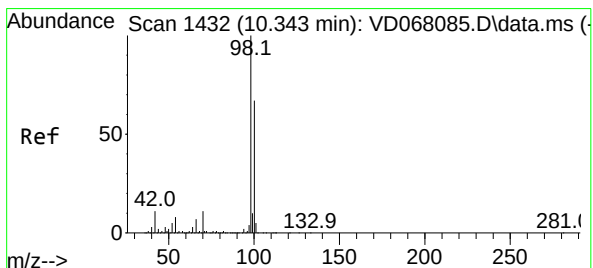
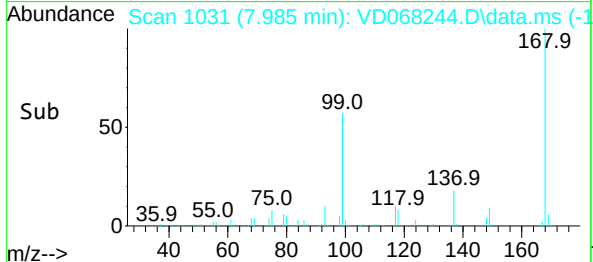
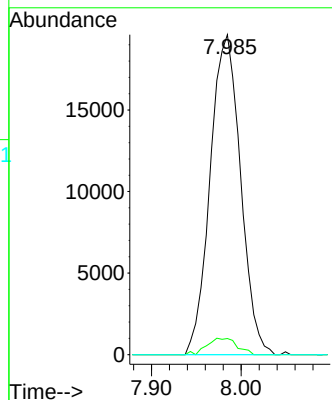


#38
Carbon Tetrachloride
Concen: 6.11 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD068244.D
Acq: 29 Jan 2021 17:15

Instrument :
MSVOA_D
ClientSampled :

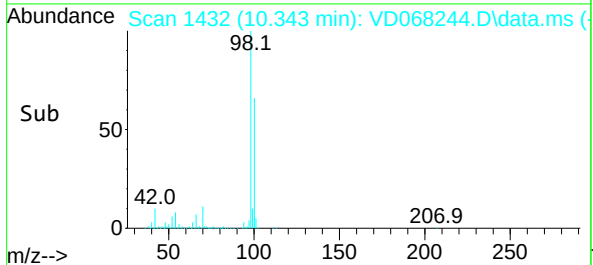
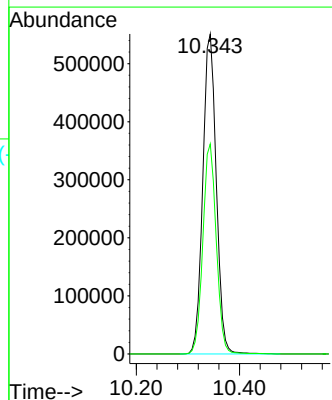
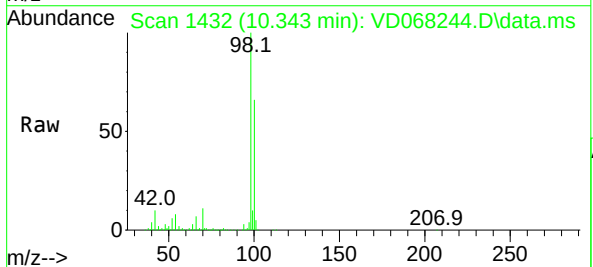


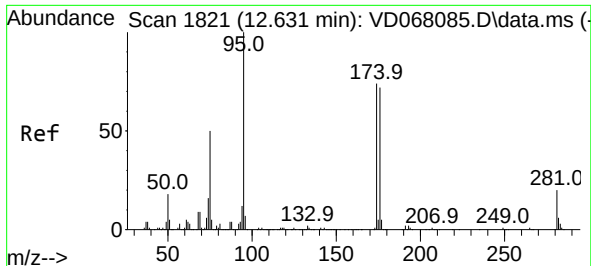
Tgt Ion:117 Resp: 46088
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.33 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068244.D
Acq: 29 Jan 2021 17:15

Tgt Ion: 98 Resp: 995804
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4

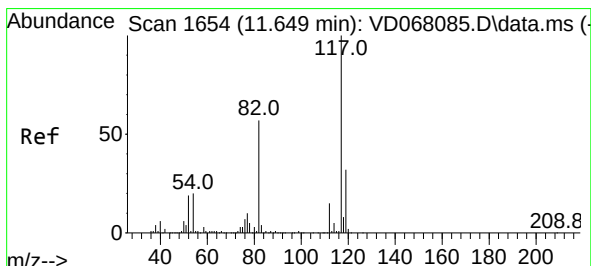
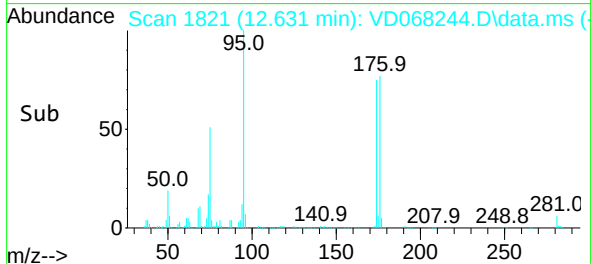
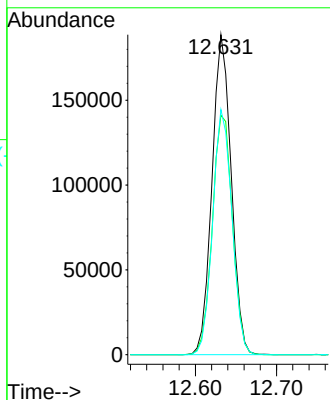
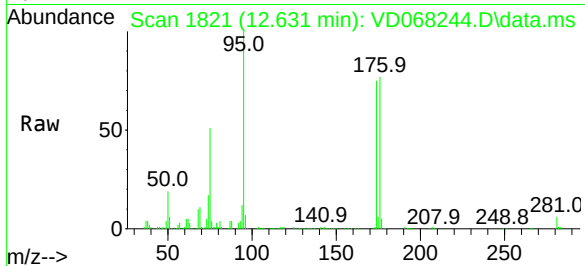




#62
4-Bromofluorobenzene
Concen: 48.80 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068244.D
Acq: 29 Jan 2021 17:15

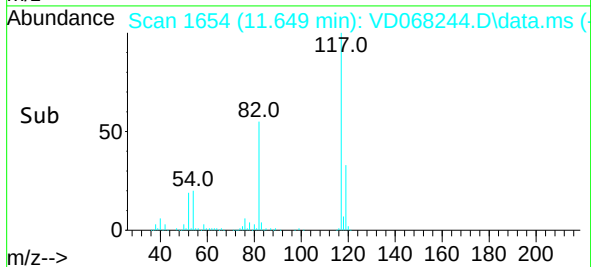
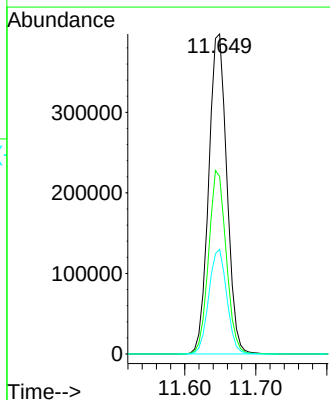
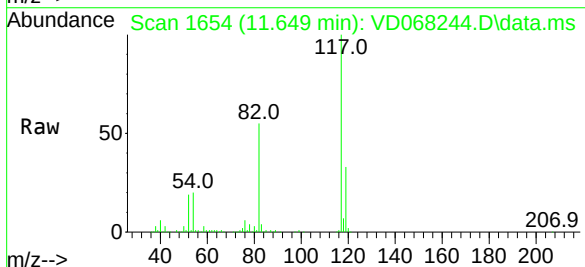
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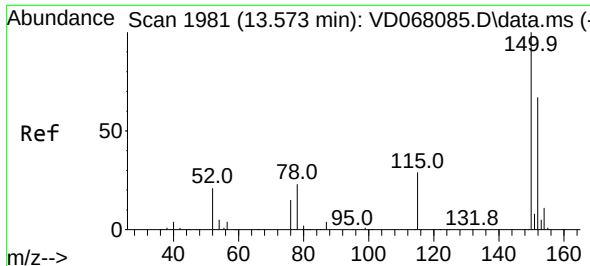
Tgt Ion: 95 Resp: 310686
Ion Ratio Lower Upper
95 100
174 78.2 0.0 172.4
176 76.9 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068244.D
Acq: 29 Jan 2021 17:15

Tgt Ion: 117 Resp: 704150
Ion Ratio Lower Upper
117 100
82 55.5 41.4 62.0
119 32.7 26.1 39.1

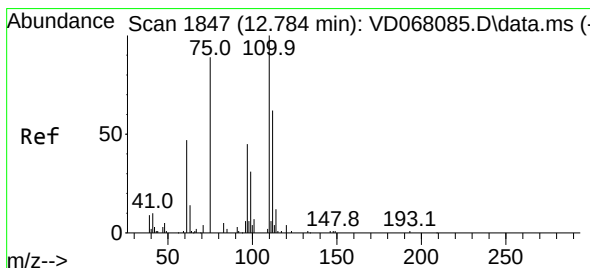
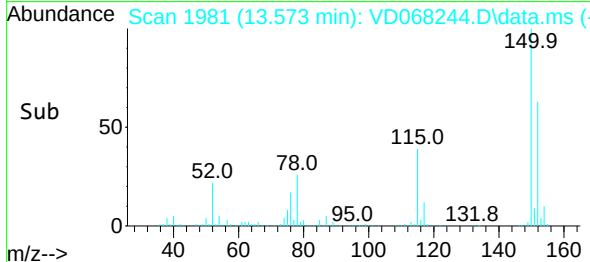
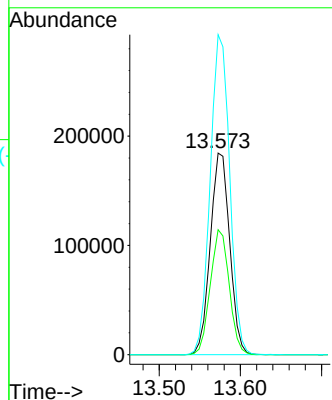
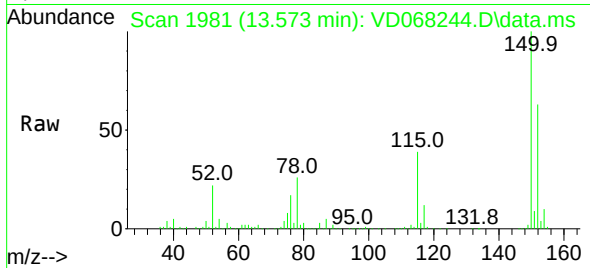




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068244.D
 Acq: 29 Jan 2021 17:15

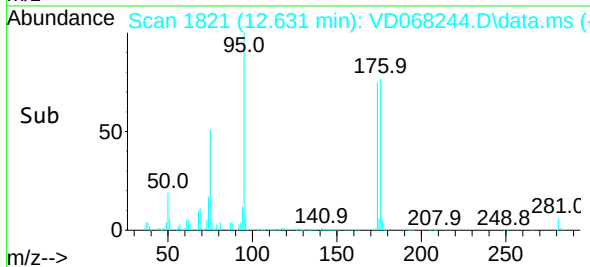
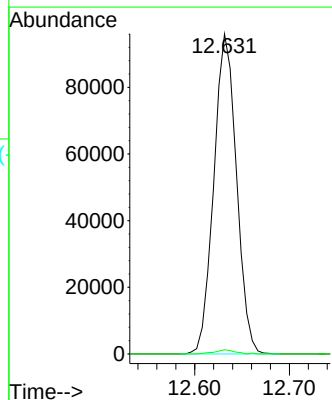
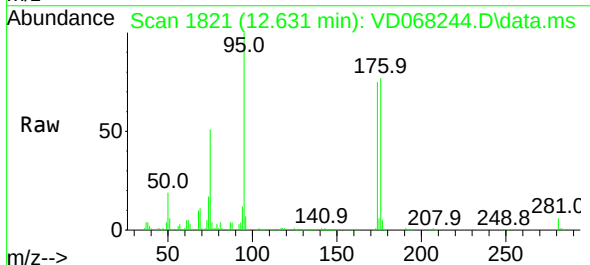
Instrument :
 MSVOA_D
 ClientSampleId :

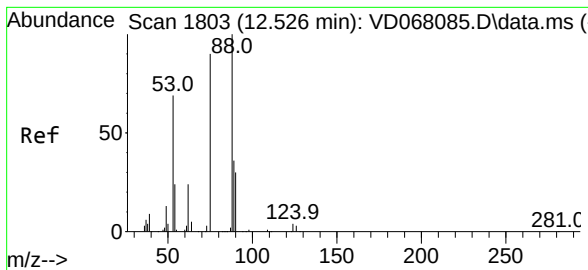
Tgt Ion:152 Resp: 306998
 Ion Ratio Lower Upper
 152 100
 115 60.3 28.9 86.8
 150 159.1 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 53.83 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068244.D
 Acq: 29 Jan 2021 17:15

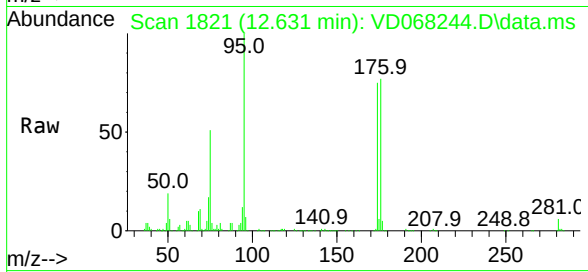
Tgt Ion: 75 Resp: 159771
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.92 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068244.D
 Acq: 29 Jan 2021 17:15

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 159771
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

